

## Bridge for Intensive Care Units

Silbermann's Bridge system is designed especially for ICUs and provides a supply of medical gases, electric sockets, communication, grounding, and other supplies required for the patient & the medical staff in the ICU bed or room.

Our system is modular and provides mounting solutions for all types of required medical equipment such as monitors, ventilators fusion & syringe pumps, vacuum therapy, etc.

### Booms/ Pendants



#### Description

##### The bridge includes:

- Two drop tubes per bed which are anchored to the concrete ceiling with decorative ceiling covers. Feeding of electric cable/wires, medical gases hoses, communication and other supplies to the bridge is done through these tubes.
- A horizontal beam (2.5 meter long) per bed is anchored to the drop tubes and includes: two gliders (per bed) onto which two carriers are connected; dry and wet.
- The dry side carrier includes two shelves with two integrated S.S. hanging rails 10x25 mm on each shelf.
- The wet side carrier includes: two S.S. poles 1m. long with 3 S.S hooks on each pole.

##### Standards and requirement:

- Meets requirements of NFPA 99c
- ISO 7396 European standard
- Carries CE Mark for medical equipment – CE0123
- G-01 Israeli standard.



#### Technical Data

- The bridge is made of extruded aluminum profiles, White powder coated color Ral 9016 and a decorative colored strip.
- Feeding of medical gas is done through drop tubes with flexible hoses.
- Dimensions:
  - Shelf dimensions is : 500x550mm
  - Dry carrier 600x1000mm
  - Wet carrier 200x1000mm
- Max outlets per bed:
  - Medical gas outlets up to 24
  - Electric sockets up to 40
  - Communication sockets (preparation only) up to 6.
  - Movement of carriers:
    - Linear movement up to 60cm of each carrier
    - Rotation 360° (free rotation) for each carrier
- Braking of movement:
  - Linear movement by manual brake.
  - Rotational movement by frictional brake.





### Diagram

